Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 27 Dec 2023 until 23:59 on Thursday 28 Dec 2023

Forecast Issued on Wednesday 27 Dec 2023 at 00:34

Confidence: High confidence for unsettled conditions, lower confidence for detail towards the end of the week.

Headline for Wednesday 27 Dec 2023: Very wet and windy on Wednesday, improving into the evening.

Mountain weather hazards on Wednesday 27 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain showers (night)	Sleet
Precipitation probability					
80%	80%	70%	60%	60%	60%

Forecast for Wednesday 27 Dec 2023

Weather: Heavy rain accompanied by strong winds will persist until late afternoon before clearing to the east. Drier with clear spells for a time before heavy rain and hail showers push in from the west late evening.

Chance of cloud-free hill tops above 600m: 20%, improving to 70% for a time late afternoon/evening.

Low Cloud and visibility: Scattered or broken cloud base 500-700m, clearing late afternoon, further cloud base 500-700m later in association with showers. Visibility moderate or poor in heavy rain, sleet or snow, good in drier interludes later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 27 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/33 SE	28/40 SE	32/45 S	30/44 SW	31/46 SW	28/42 SW	35/52 SW
300	16/36 SE	18/40 SE	19/41 S	21/42 SW	21/42 SW	18/38 SW	22/48 SW
Valley	18/40 SE	17/40 SE	18/41 S	19/41 SW	17/37 SW	16/36 SW	22/48 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	3/-4	7/2	7/1	3/-4	3/-4	3/-5
300	3/-2	5/1	9/5	9/5	6/1	5/0	5/-0
Valley	4/-1	7/3	11/8	10/6	7/3	6/2	7/2
Freezing Level*	1500m	2100m	2100m	1600m	1100m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds and heavy rain will cause hazardous conditions for much of the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 27 Dec 2023	0.8mm	9.2mm	16.6mm

Forecast for Thursday 28 Dec 2023

Weather: Scattered heavy showers are expected throughout the day on Thursday accompanied by strong winds. Some sleet on hill tops during the early hours, best chance of drier conditions through the latter part of the night.

Maximum wind: Southwesterly 20-30 mph gusting 35-45 mph

Chance of cloud-free hill tops above 600m: 50%

Low Cloud and visibility: Few or scattered low cloud base 600-800m, lowering to 500m at times during the morning. Visibility moderate or poor in showers or hill fog, otherwise good.

Temperature: **Valleys:** Plus 6 to 8 Celsius
At 600m: Plus 2 to 4 Celsius
Freezing level: 800m at first, rising 1000-1200m

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